



**CONESTOGA-ROVERS
& ASSOCIATES**

261 Martindale Road, Unit #3, St. Catharines, Ontario L2W 1A2
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March 24, 2010

Reference No. 56393

Ms. Sharon Hanshue
Natural Resources Manager
Fisheries Division, Department of Natural Resources & Environment
Mason Building, Eight Floor
530 West Allegan Street
Lansing, Michigan 48933

Dear Ms. Hanshue:

Re: 12th Street Landfill Site Remedial Design Implementation
Otsego Township, Michigan

This letter has been prepared by Conestoga-Rovers & Associates (CRA) on behalf of Weyerhaeuser Company (Weyerhaeuser) to provide the Michigan Department of Natural Resources and Environment (MDNRE) Fisheries Division with a copy of the Final Design Report for the 12th Street Landfill Site. The 12th Street Landfill Site represents Operable Unit No. 4 of the Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site. The attached Final Design Report has been reviewed by the United States Environmental Protection Agency (U.S. EPA) and was conditionally approved on February 18, 2010 (see letter from U.S. EPA provided in Attachment 1). The conditions identified in U.S. EPA's approval letter have been incorporated into the attached document.

The scope of work (SOW) for the Final Design includes excavation of paper residuals that are present outside of the footprint of the landfill, consolidation of these materials within the original landfill footprint, and re-grading and construction of an engineered landfill cap. The paper residuals which extend beyond the original footprint of the landfill include portions of the MDNRE's property located at the end of 12th Street. Pursuant to U.S. EPA's approval, Weyerhaeuser anticipates commencement of the SOW in the spring of 2010.

As discussed during our telephone call today, CRA will act on behalf of Weyerhaeuser to coordinate access to the Site with Mr. John Lerg, the local MNDRE representative. We will contact Mr. Lerg in the coming days to schedule a meeting to discuss the attached Design Report and related access issues.

US EPA RECORDS CENTER REGION 5



421858

REGISTERED COMPANY
ISO 9001
ENGINEERING DESIGN

Worldwide Engineering, Environmental, Construction, and IT Services



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Should you have any questions on the above, or require additional information, please do not hesitate to contact me at 905-682-0510.

Yours truly,

CONESTOGA-ROVERS & ASSOCIATES



Gregory A. Carli, P. E.

GC/mm/1
Encl.

, cc: Michael Berkoff - U.S. EPA Region 5 (w/o enclosure)
John Lerg - MDNRE (w/o enclosure)
Richard Gay - Weyerhaeuser (w/o enclosure)
Jodie Dembowski - CRA (w/o enclosure)

ATTACHMENT 1

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 W. JACKSON BOULEVARD
CHICAGO, ILLINOIS 60604-3590

Reply to the Attention Of: SR-6J

February 18, 2009

Via E-mail and Certified Mail

Richard Gay
Weyerhaeuser Company
810 Whittington Ave.
Hot Springs, AR 71901

RE: Review of Remedial Design Addendum
12th Street Landfill, Kalamazoo River Superfund Site Operable Unit #04
Plainwell, Michigan

Dear Mr. Gay:

The United States Environmental Protection Agency (EPA) has received the January 2010 Draft Final Remedial Design (RD) for *12th Street Landfill, Kalamazoo River Superfund Site Operable Unit #04, Plainwell, Michigan*. After reviewing the RD, EPA conditionally approves the submittal provided that Weyerhaeuser revise the RD based upon the comments listed below.

Specific Comments

1. Section 3.3, last paragraph. The design conclusions presented in this section do not agree with the design presented in Section 6 (there are no provisions for upgrade to an active gas collection system). Please revise.
2. Section 4.2. This section should be modified to present and be consistent with the design outlined in Section 6.
3. Section 6.3.3 – Please remove all references to 3H:1V slopes.
4. Section 9. The dates and schedule presented in the text need to be updated to the current construction schedule.
5. Figure 3-2. This figure should be revised to reflect the grades shown in the design drawings.
6. Appendix A, Section 2.4, last paragraph. The design conclusions presented in this section are not consistent with the design presented in Section 6. Revision required.
7. Appendix A, Section 3, second to last bullet. This bullet point does not agree with the proposed design. Revision required.
8. Appendix A, Appendix E. The calculations in these sections reflect a final cover grading that is different than the one proposed; please add text to this section stating that difference and the impact, if any, on the conclusions presented in the calculations.
9. Appendix C – The Construction Quality Assurance Plan does not contain the construction recommendations contained in the text of section 6.0 and in the revised specifications. Is the intent to include these additional recommendations and testing requirements as an addendum or a reworked CQA plan under the provisions discussed in Section 3.1 in the CQA Plan?

10. Appendix F Specification 2311 – Waste Consolidation, Section 3.3. This specification does not include the construction recommendations regarding excavations greater than 10 feet in depth outlined in Appendix B.
11. Appendix F. – Specification 2315 – Excavation. A note that Excavation of Waste Materials is covered in Specification 2311 should be included here.

If you have any questions about this letter, please contact me at (312) 353-8983.

Sincerely,

A handwritten signature in black ink that reads "Michael Berkoff". The signature is written in a cursive, flowing style.

Michael Berkoff
Remedial Project Manager

cc: J. Saric EPA
L. Kirby-Miles EPA
S. Chummar EPA
T. Prendiville EPA
S. Borries EPA
R. Frey EPA
P. Bucholtz MDEQ
G. Carli CRA
M. Erickson Arcadis